Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): A device which is implantable in a body lumen surrounded by a lumen wall ~~blood vessel~~ to block the flow of fluid ~~blood~~ in at least one direction through that body lumen ~~blood vessel~~, said device comprising:

a) a frame ~~blood vessel engaging portion~~ which is initially disposable in a ~~radially~~ collapsed configuration such that said device may be passed into the body lumen ~~of the tapered segment of said blood vessel,~~ and subsequently expandable to an operative configuration such that the device engages the lumen ~~wherein it will frictionally engage the surrounding blood vessel~~ wall to hold the device in a desired ~~fixed~~ position within said body ~~blood vessel~~ lumen; and,

b) a lumen blocking portion which is affixed to said frame ~~engaging portion~~, said lumen blocking portion being configured such that, when said frame ~~engaging portion~~ is in its operative configuration and the device is in the desired position within the body lumen ~~and in contact with the blood vessel wall~~, said lumen blocking portion will fully block the flow of ~~blood~~ fluid in at least one direction through said lumen, said lumen blocking portion being penetrable *in situ* by advancement of a penetrating member through the lumen blocking portion while the device is implanted within the body lumen.

Claim 2 (Currently Amended): The device of Claim 1 wherein the frame comprises ~~said blood vessel engaging portion is~~ a wire frame.

Claim 3 (Currently Amended): The device of Claim 1 wherein the frame comprises ~~said blood vessel engaging portion is~~ an inflatable member.

Claim 4 (Currently Amended): The device of Claim 1 ~~wherein said blood vessel engaging portion has~~ further comprising projections which embed in the lumen wall ~~of the blood vessel~~.

Claim 5 (Currently Amended): The device of Claim 1 ~~wherein said blood vessel engaging portion has~~ further comprising hooks which embed in the lumen wall ~~blood vessel~~.

Claim 6 (Currently Amended): The device of Claim 1 ~~wherein said blood vessel engaging portion comprises~~ further comprising an adhesive which adheres to the ~~blood vessel~~ lumen wall.

Claim 7 (Currently Amended): The device of Claim 1 wherein the frame ~~blood vessel engaging portion~~ comprises a plurality of members which are connected at a central location, and which emanate outwardly from said central location such that, when said ~~engaging portion~~ frame is in its operative configuration, said elongate members will exert radial outward pressure against the ~~blood vessel~~ lumen wall, said central location being further located and configured such that, when the device is implanted in a body lumen such that it blocks a flow of fluid through that body lumen, the resultant fluid ~~blood vessel, hemodynamic~~ pressure against said central location will cause said elongate members to exert greater pressure against the blood vessel wall.

Claim 8 (Currently Amended): The device of Claim 1 wherein lumen blocking portion comprises a component selected from the group consisting of: a membrane, a sponge, a fabric panel, a plug, a disc and a member that is sized to be transversely disposed within the body lumen.

Claim 9 (Currently Amended): The device of Claim 1 [[~~8~~]] wherein said ~~membrane is~~ lumen blocking portion comprises an elastromeric membrane.

Claim 10 (Currently Amended): The device of Claim 1 [[~~8~~]] wherein one side of said ~~membrane~~ lumen blocking portion comprises ~~is formed of~~ a first material which is resistant to cellular ingrowth, and ~~the other~~ another side of said ~~membrane~~ lumen blocking portion comprises ~~is formed of~~ a second material which is susceptible to cellular ingrowth.

Claim 11 (Currently Amended): The device of Claim 1 wherein said lumen blocking portion comprises ~~is~~ a sponge.

Claim 12 (Original): The device of Claim 11 wherein said sponge is formed of a material selected from the group of materials consisting of:

gel foam;

collagen;

polymeric foam material;

textile material; and,

woven fabric.

Claim 13 (Currently Amended) The device of Claim 1 wherein said lumen blocking portion comprises ~~is~~ a disc.

Claim 14 (Currently Amended): The device of Claim 1 wherein said lumen blocking portion comprises ~~is~~ a woven fabric member.

Claim 15 (Currently Amended): The device of Claim 1 wherein said lumen blocking portion is formed at least partially of a material which is ~~capable of being penetrated by a~~ penetrable by a ~~transluminally advanceable~~ penetrating member that is transluminally advanced through the body lumen, after the device has been implanted in the body ~~a blood vessel~~ lumen.

Claim 16 (Original): The deivce of Claim 1 wherein the blood vessel engaging portion of the device is radially contractible following implantation so as to disengage from the blood vessel wall, thereby facilitating removal of the device.

Claim 17 (Original): The device of Claim 16 wherein said device further comprises a connector formed on the device to facilitate connection of the device to a transluminally inserted retrieval instrument which is operative to pull the device in to an adjacent catheter.

Claim 18 (Currently Amended): The device of Claim 17 wherein the frame ~~blood vessel engaging portion of the device~~ is constructed such that, when the retrieval instrument is attached to the connector and a pulling force is applied to the retrieval instrument, the blood vessel engaging portion of the device will be thereby caused to radially contract and disengage the blood vessel wall, thereby facilitating retraction of the device into the adjacent catheter.

Claim 19 (Currently Amended): The device of Claim 1 wherein said frame ~~blood vessel engaging portion~~ is formed of a shape memory material which transitions to said operative configuration when warmed to body temperature, but which may be radially contracted *in situ* by bathing the device in a cooled liquid so as to cool the device to a shape memory transition temperature which is lower than body temperature.

Claim 20 (Currently Amended): The device of Claim 1 wherein said frame ~~blood vessel engaging portion~~ is formed of resilient self-expanding material which is biased to said operative configuration such that, when unconstrained, said device will resiliently self-expand to said operative configuration.